



Date **29 Feb 2008**
Call Letters **KGFE-DT** Channel **15**
Location **Petersburg**
Customer
Antenna Type **TFU-18DSC C170**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-C170**

Angle	Field	ERP (kW)	ERP (dBk)
0	0.988	48.8	16.88
10	0.963	46.4	16.66
20	0.936	43.8	16.42
30	0.917	42.0	16.24
40	0.905	41.0	16.12
50	0.900	40.5	16.07
60	0.899	40.4	16.06
70	0.900	40.5	16.07
80	0.905	41.0	16.12
90	0.917	42.0	16.24
100	0.936	43.8	16.42
110	0.963	46.4	16.66
120	0.988	48.8	16.88
130	1.000	50.0	16.99
140	0.987	48.7	16.88
150	0.940	44.2	16.45
160	0.854	36.5	15.62
170	0.733	26.9	14.29
180	0.588	17.3	12.38
190	0.437	9.5	9.80
200	0.302	4.6	6.59
210	0.218	2.4	3.76
220	0.207	2.1	3.31
230	0.232	2.7	4.30
240	0.245	3.0	4.77
250	0.232	2.7	4.30
260	0.207	2.1	3.31
270	0.218	2.4	3.76
280	0.302	4.6	6.59
290	0.437	9.5	9.80
300	0.588	17.3	12.38
310	0.733	26.9	14.29
320	0.854	36.5	15.62
330	0.940	44.2	16.45
340	0.987	48.7	16.88
350	1.000	50.0	16.99

Maxima

Angle	Field	ERP (kW)	ERP (dBk)
0	0.988	48.8	16.88
131	1.000	50.0	16.99
240	0.245	3.0	4.77
349	1.000	50.0	16.99

Minima

Angle	Field	ERP (kW)	ERP (dBk)
60	0.899	40.4	16.06
216	0.204	2.1	3.18
264	0.204	2.1	3.18

Remarks: